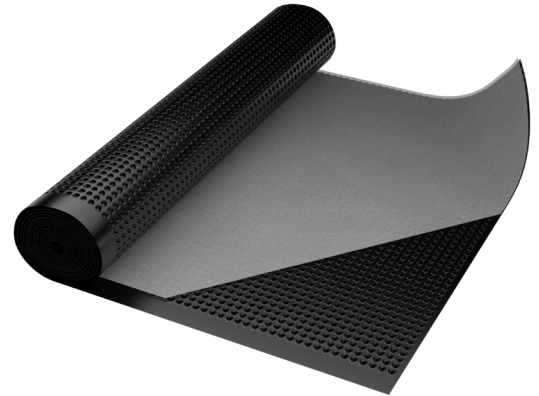


TECHNICAL DATA SHEET

Eurovent GEO TEX 300

The Eurovent® GEO TEX 300 drainage foundation foil with parallel dimple pattern heat bonded with geotextile. Made of high-density polyethylene (HDPE) and extremely resistant to compression, the foil forms a ventilation layer, and thanks to the installed geotextile ensures double drainage based on the filter system. In addition, the foil also forms a layer of thermal and acoustic insulation. The product is resistant to acids, alkali, solvents, bacteria, fungi as well as damage caused by roots.



	PARAMETER	NORM	UNIT	VALUE
GCO	Surface mass	EN ISO 9864	[g/m ²]	700
	Water permeability in the plane (i=1, 20 kPa)	EN ISO 12958	[m ² /s]	At pressure 20 kPa: 1,85 x 10 ⁻³
	Tensile strength	EN ISO 10319	[kN/m]	MD 17,5 CMD 18
	Elongation at max. load	EN ISO 10319	[%]	MD 39 CMD 31
	Compressive strength	EN ISO 25619-2	[kN/m ²]	300
	Product thickness (height)	EN ISO 9863-1	[mm]	> 8,5
	Durability in the ground	The cover should be at least 2 weeks after installation. Durability min. 50 years in natural ground in 4 ≤ pH ≤ 9 and temp. ≤25°C.		
	Oxidation resistance	EN ISO 13438	Preserved strength	MD 98 % CMD 94%
Microbial resistance	EN 12225	Preserved strength	MD 100% CMD 100%	
GTX	Tensile strength	EN ISO 10319	[kN/m] [kN/m]	MD 6,6 CMD 6,6
	Dynamic perforation test (cone drop test)	EN ISO 13433	[mm]	40
	Resistance to static puncture CBR	EN ISO 12236	[kN]	0,950
	Indicative pore size O ₉₀	EN ISO 12956	[µm]	150
	Water permeability perpendicular to the plane	EN ISO 11058	[m/s]	80 x 10 ⁻³
	Chemical resistance	EN 14030	Preserved strength	MD 100% CMD 100%

Eurovent **GEO TEX 300**

Application:

The Eurovent® GEO TEX 300 drainage foundation foil is designed for use as vertical insulation infoundation walls. Strongly recommended for application in historic sites where it ensures proper drainage and mechanical protection. Its unique structure forms two venting slots providing additional ventilation of the insulated surface. Foil proves an excellent solution for establishing perimeter drainage in areas with high levels of ground water. It can also be used for insulation of retaining walls where it protects against water, root damage as well as corrosion caused by sulfates and chlorides. Used as horizontal insulation in roof areas to protect insulation boards in reverse roof technology and insulation of roof gardens where its ventilation and drainage capacity is irreplaceable.

Storage / transport:

The product should be stored in a dry place, under cover, free from moisture and UV radiation in original undamaged and closed package. The foil is heavy, therefore we recommend storing either on original EURO pallets, or other pallets suitable for storing heavy items. The product should be transported in covered means of transport. Prepared for transport in a manner that protects them from damage and destruction. During transport safety regulations must be observed.

The product is under warranty, providing that the guidelines contained in technical data sheet are being obeyed. We reserve the right to refuse a complaint recognition in case of not following these guidelines.

Contained information, advice and guidance is given based on our knowledge, researches, experience and in good faith. We are not responsible for the consequences of improper or incorrect use of our products. Each user of this material will ensure in every possible way, including an examination of the final product in the relevant conditions, the suitability of supplied materials to achieve the objectives pursued by him.

Product information can be found on the website: www.eurovent.de

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